



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/830,328A

DATE: 08/28/2002
TIME: 12:46:59

Input Set : N:\Crf3\08262002\I830328.raw
Output Set: N:\CRF3\08282002\I830328A.raw

1 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 2 TANG, Y. Tom
 3 ARGENTINE, Charles C.
 4 CORLEY, Neil C.
 5 GORGONE, Gina A.
 6 GUEGLER, Karl J.
 7 BAUGHN, Mariah R.
 8 <120> TITLE OF INVENTION: TRANSMEMBRANE 4 PROTEINS
 9 <130> FILE REFERENCE: PF-0628 PCT
 10 <140> CURRENT APPLICATION NUMBER: US/09/830,328A
 11 <141> CURRENT FILING DATE: 2002-08-26
 12 <150> PRIOR APPLICATION NUMBER: 09/183,027, unassigned
 W--> 13 <151> PRIOR FILING DATE: 1998-10-29, 1998-10-29
 14 <160> NUMBER OF SEQ ID NOS: 7
 15 <170> SOFTWARE: PERL Program
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 18 <211> LENGTH: 260
 19 <212> TYPE: PRT
 20 <213> ORGANISM: Homo sapiens
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 22 <221> NAME/KEY: misc_feature
 23 <223> OTHER INFORMATION: Incyte ID No: 2651154CD1
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 27 Ala Glu Cys Ile Phe Phe Val Ser Asp Gln His Ser Leu Tyr Pro
 35 40 45
 28 Leu Leu Glu Ala Thr Asp Asn Asp Asp Ile Tyr Gly Ala Ala Trp
 50 55 60
 29 Ile Gly Ile Phe Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu
 65 70 75
 30 Gly Ile Val Gly Ile Met Lys Ser Ser Arg Lys Ile Leu Leu Ala
 80 85 90
 31 Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser
 95 100 105
 32 Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu
 110 115 120
 33 Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro
 125 130 135
 34 Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp
 140 145 150

Does Not Comply
Corrected Diskette Needed

pp 1,5
list prior application
number directly above
its filing date

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45 Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro
46 155 160 165
47 Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Asn
48 170 175 180
49 Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Asn
50 185 190 195
51 Leu Lys Glu Pro Leu Asn Leu Glu Ala Cys Lys Leu Gly Val Pro
52 200 205 210
53 Gly Phe Tyr His Asn Gln Gly Cys Tyr Glu Leu Ile Ser Gly Pro
54 215 220 225
55 Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile
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57 Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp
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59 Ser Arg Ile Glu Tyr
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75 35 40 45
76 Thr Ala Glu Thr Arg Val Glu Glu Ala Val Ile Leu Thr Tyr Phe
77 50 55 60
78 Pro Val Val His Pro Val Met Ile Ala Val Cys Cys Phe Leu Ile
79 65 70 75
80 Ile Val Gly Met Leu Gly Tyr Cys Gly Thr Val Lys Arg Asn Leu
81 80 85 90
82 Leu Leu Leu Ala Trp Tyr Phe Gly Ser Leu Leu Val Ile Phe Cys
83 95 100 105
84 Val Glu Leu Ala Cys Gly Val Trp Thr Tyr Glu Gln Glu Leu Met
85 110 115 120
86 Val Pro Val Gln Trp Ser Asp Met Val Thr Leu Lys Ala Arg Met
87 125 130 135
88 Thr Asn Tyr Gly Leu Pro Arg Tyr Arg Trp Leu Thr His Ala Trp
89 140 145 150
90 Asn Phe Phe Gln Arg Glu Phe Lys Cys Cys Gly Val Val Tyr Phe
91 155 160 165
92 Thr Asp Trp Leu Glu Met Thr Glu Met Asp Trp Pro Pro Asp Ser
93 170 175 180
94 Cys Cys Val Arg Glu Phe Pro Gly Cys Ser Lys Gln Ala His Gln

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95	185	190	195
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98	Tyr Ser Phe Leu Arg Gly Thr Lys Gln	Leu Gln Val Leu Arg	Phe
99	215	220	225
100	Leu Gly Ile Ser Ile Gly Val Thr Gln	Ile Leu Ala Met Ile	Leu
101	230	235	240
102	Thr Ile Thr Leu Leu Trp Ala Leu Tyr	Tyr Asp Arg Arg	Glu Pro
103	245	250	255
104	Gly Thr Asp Gln Met Met Ser Leu Lys	Asn Asp Asn Ser Gln	His
105	260	265	270
106	Leu Ser Cys Pro Ser Val Glu Leu Leu	Lys Pro Ser Leu Ser	Arg
107	275	280	285
108	Ile Phe Glu His Thr Ser Met Ala Asn	Ser Phe Asn Thr His	Phe
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123	attattgggtt gttgcgcac tgcctgtact gcggagtgca	tcttcatttt atctgaccaa	180
124	cacagcctct acccaactgct tgaagccacc gacaacgatg	aatcttatgg ggctgcctgg	240
125	atcggcatat ttgtggcat ctgcctcttc tgcctgtctg	ttcttaggcatttgtaggcattc	300
126	atgaagtcca gcaggaaaat tcttctggcg tatttcatttc	tgtatgtttat agtataatgcc	360
127	tttgaagtgg catcttgat cacagcagca acacaacgag	actttttcac acccaacctc	420
128	ttcctgaagc agatgttgcgaggtaccaa aacaacagcc	ctccaaacaa tggatgaccag	480
129	tggaaaaaca atggagtcac caaaacctgg gacaggtca	tgttccagga caattgtgt	540
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131	gatgtactat atccctggcc tcgtcaatgc tggatgttata	acaatcttaa agaacctctc	660
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136	accagctctc tcctaataatt ccacgtttgtt gccccacact	aacgtgtgt tcttacattt	960
137	ccaaagtccaga tggtaacggac ttccatggat atctcaggct	tctgcagttc tcatgactcc	1020
138	tactttcat ccttagtcttag cattctgcaa catttatata	gactgttga aggagaattt	1080
139	gaaaaatgca taataactac ttccatccct gcttattttt	aatttggaa aataaataaca	1140
140	ttcgaaggaa aaacaaaaaaaaa aagggcggcc cccgattatt	gaggggtccc gagcccgaaac	1200
141	tcgttaaccat gtaaaaaaccgg ttccccgggg taaaattgtat	atccccccac aattccccaa	1260
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RAW SEQUENCE LISTING

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Input Set : N:\Crf3\08262002\I830328.raw
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146 <211> LENGTH: 2768
147 <212> TYPE: DNA
148 <213> ORGANISM: Homo sapiens
149 <220> FEATURE:
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151 <223> OTHER INFORMATION: Incyte ID No: 2674553CB1
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155 gggacaagaa acacccacta ggacccaacc ccggcagcca qcggctcgag catgcgtga 180
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191 ttaccagtgt gatacatagg aatcatttatt cagaatgttag tctggctttt aggaagtatt 2340
192 aataagaaaa ttgcacata acttagtga ttgcacataa accttgc ttttttctc 2400
193 ccaaatgaag actcttttg acactaaaca ctttttaaaa agcttatct tgcctctcc 2460
194 aaacaagaag caatgtctc caagtcaata taaattctac agaaaatagt gtttttttc 2520

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Input Set : N:\Crf3\08262002\I830328.raw
Output Set: N:\CRF3\08282002\I830328A.raw

195 tccagaaaaa tgcttgag aatcattaaa acatgtgaca atttagagat tctttgtttt 2580
 196 atttcactga ttaataatact gtggcaaatt acacagatta ttaaatttt ttacaagagt 2640
 197 atagtatatt tatttgaat ggaaaagtg cattttactg tattttgtgt attttgtta 2700
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 204 <213> ORGANISM: Bos taurus
 205 <300> PUBLICATION INFORMATION:
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 212 Ala Glu Cys Ile Phe Phe Val Ser Asp Gln Asn Ser Leu Tyr Pro
 213 35 40 45
 214 Leu Leu Glu Ala Thr Asn Asn Asp Asp Ile Tyr Ala Ala Ala Trp
 215 50 55 60
 216 Ile Gly Met Ser Val Gly Ile Cys Leu Phe Cys Leu Ser Val Leu
 217 65 70 75
 218 Gly Ile Val Gly Ile Met Lys Ser Asn Arg Lys Ile Leu Leu Val
 219 80 85 90
 220 Tyr Phe Ile Leu Met Phe Ile Val Tyr Ala Phe Glu Val Ala Ser
 221 95 100 105
 222 Cys Ile Thr Ala Ala Thr Gln Arg Asp Phe Phe Thr Pro Asn Leu
 223 110 115 120
 224 Phe Leu Lys Gln Met Leu Glu Arg Tyr Gln Asn Asn Ser Pro Pro
 225 125 130 135
 226 Asn Asn Asp Asp Gln Trp Lys Asn Asn Gly Val Thr Lys Thr Trp
 227 140 145 150
 228 Asp Arg Leu Met Leu Gln Asp Asn Cys Cys Gly Val Asn Gly Pro
 229 155 160 165
 230 Ser Asp Trp Gln Lys Tyr Thr Ser Ala Phe Arg Thr Glu Asn Ser
 231 170 175 180
 232 Asp Ala Asp Tyr Pro Trp Pro Arg Gln Cys Cys Val Met Asn Ser
 233 185 190 195
 234 Leu Lys Glu Pro Leu Asn Leu Asp Ala Cys Lys Leu Gly Val Pro
 235 200 205 210
 236 Gly Tyr Tyr His Ser His Gly Cys Tyr Glu Leu Ile Ser Gly Pro
 237 215 220 225
 238 Met Asn Arg His Ala Trp Gly Val Ala Trp Phe Gly Phe Ala Ile
 239 230 235 240
 240 Leu Cys Trp Thr Phe Trp Val Leu Leu Gly Thr Met Phe Tyr Trp
 241 245 250 255
 242 Ser Arg Ile Asp Tyr
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response whenever
<3087 has a
response

same
error
in Segn 6-7

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,328A

DATE: 08/28/2002

TIME: 12:47:00

Input Set : N:\Crf3\08262002\I830328.raw

Output Set: N:\CRF3\08282002\I830328A.raw

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L:207 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:5
L:251 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:6
L:293 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:7